



FORM PTO - 1449	ATTORNEY DOCKET NO.: GEN-002
INFORMATION DISCLOSURE STATEMENT	APPLICANT(S): Chandra <i>et al.</i>
	SERIAL NO.: 10/717,224
	FILING DATE: November 19, 2003 GROUP: 2121

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
as	A1	4,935,877	06/19/1990	Koza	364	513	
	A2	5,136,686	08/04/1992	Koza	395	13	
	A3	5,148,513	09/15/1992	Koza <i>et al.</i>	395	13	
	A4	5,343,554	08/30/1994	Koza <i>et al.</i>	395	13	
	A5	5,390,282	02/14/1995	Koza <i>et al.</i>	395	13	
	A6	5,742,738	04/21/1998	Koza <i>et al.</i>	395	13	
	A7	5,867,397	02/02/1999	Koza <i>et al.</i>	364	489	
	A8	6,058,385	05/02/2000	Koza <i>et al.</i>	706	13	
	A9	6,360,191	03/19/2002	Koza <i>et al.</i>	703	6	
	A10	6,424,959	07/23/2002	Bennett, III <i>et al.</i>	706	13	
	A11	6,532,453	03/11/2003	Koza <i>et al.</i>	706	13	
	A12	6,564,194	05/13/2003	Koza <i>et al.</i>	706	13	
	A13	6,594,587	06/15/2003	Askenazi	702	19	
	A14	6,665,669	12/16/2003	Han <i>et al.</i>	707	6	
	A15	2001/0016822	08/23/2001	Bessette	705	3	
	A16	2001/0047353	11/29/2001	Talib <i>et al.</i>	707	3	
	A17	2002/0002559	01/03/2002	Busa	707	104.1	
	A18	2002/0049782	04/25/2002	Herzenberg, <i>et al.</i>	707	500.1	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH (Y/N)

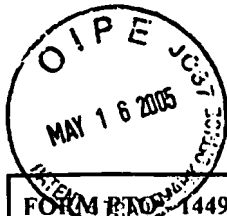
EXAMINER

A. Smitsy

DATE CONSIDERED

7/6/07

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	Center for Development of Advanced Computing, "Workshop on Genetic Algorithms in Bioinformatics," http://www.cdacindia.com/html/cecents/bioinfo/genetic/genidx.asp , pp. 1-6 (printed October 22, 2002).
	C2	Jansen, Ronald, "A Bayesian Networks Approach for Predicting Protein-Protein Interactions from Genomic Data," Science, vol. 302, pp. 449-453 (October 17, 2003).
	C3	Karp, Peter D., "The EcoCyc Database," pp. 1-6 (January 25, 2002).
	C4	Karp, Peter D., "Integrated Access to Metabolic and Genomic Data," pp. 1-32 (April 1, 1996).
	C5	Karp, Peter D., "The MetaCyc Database," pp. 1-7 (January 25, 2002).
	C6	Karp, Peter D., "Pathway Databases: A Case Study in Computational Symbolic Theories," Science, vol. 293, pp. 2040-44 (September 14, 2001).
	C7	Karp, Peter D., "The Pathway Tools Software," Bioinformatics, vol. 18 Suppl. 1 2002, pp. S1-S8 (2002).
	C8	Koza, John R., "Reverse Engineering and Automatic Synthesis of Metabolic Pathways From Observed Data Using Genetic Programming," pp. 1-53 (2000).
	C9	Koza, John R., "Reverse Engineering and Automatic Synthesis of Metabolic Pathways From Observed Data Using Genetic Programming," Symposium on Computational Discovery of Communicatable Knowledge, pp. 1-63 (March 25, 2001)
	C10	Koza, John R., "Reverse Engineering and Automatic Synthesis of Metabolic Pathways From Observed Data Using Genetic Programming," Biomedical Informatics, pp. 1-12.
	C11	Rindfleisch, Thomas C., "Extracting Molecular Binding Relationships from Biomedical Text," pp. 188-95.
	C12	Stevens, Robert "Building a Reasonable Bioinformatics Ontology Using OIL," Department of Computer Science, University of Manchester, pp. 1-11.
	C13	Yen, John, "A Hybrid Approach to Modeling Metabolic Systems Using Genetic Algorithm and Simplex Method," pp. 1-42.
	C14	Yen, John, "Using Fuzzy Logic and a Hybrid Genetic Algorithm for Metabolic Modeling," pp. 1-6.
EXAMINER	DATE CONSIDERED 7/6/07	



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SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

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GROUP NO.: 2121

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
03	B1	EP 1248231	10/09/02	EP		12/26/00	No	Yes

OTHER ART, JOURNAL ARTICLES, ETC.

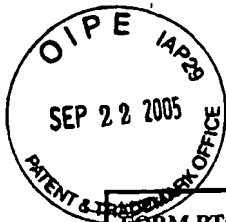
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
03	C15	International Search Report for PCT/US03/36857, mailed March 9, 2005.
	C16	Goldberg, David E., "Genetic and Evolutionary Algorithms Come of Age," Communications of the ACM, Vol. 37, No. 3, March 1994, pp. 113-119.

EXAMINER

A. G. G. G.

DATE CONSIDERED

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FORM PTO - 1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: GEN-002 APPLICANT(S): Chandra <i>et al.</i> SERIAL NO.: 10/717,224 FILING DATE: November 19, 2003 GROUP NO.: 2121					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTR Y CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLIS H LANG (Y/N)
08/	B2	WO 02/11048 A2	02/07/2002	WO			07/31/2001	N	Y
	B3	WO 03/067504 A2	08/14/2003	WO			02/03/2003	N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
08/	C17	van Helden, Jacques, <i>et al.</i> , "Representing and Analysing Molecular and Cellular Function Using the Computer" Biol. Chem., Vol. 381, pp. 921-935, September-October 2000.							
	C18	Uetz, Peter, <i>et al.</i> , "Visualization and Integration of Protein-Protein Interactions," in Golemis E (ed.) <u>Protein-Protein Interactions - A Molecular Cloning Manual</u> , Cold Spring Harbor Laboratory Press (available at: http://itgmvl.fzk.de/www/itg/uetz/publications/Visualization.pdf), 2002.							
EXAMINER	A. G. G. G.				DATE CONSIDERED 7/6/07				



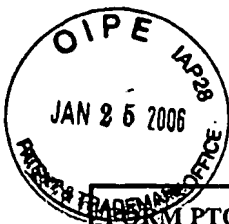
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PTO - 1449				ATTORNEY DOCKET NO.: GEN-002					
THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Chandra <i>et al.</i>					
				SERIAL NO.: 10/717,224					
				FILING DATE: November 19, 2003					
				GROUP NO.: 2121					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
08	A19	2003/0074516	04/17/2003	Cho et al.					
	A20	6,741,986	05/25/2004	Cho et al					
	A21	6,772,160	08/03/2004	Cho et al.					
	A22	5,914,891	06/22/1999	McAdams et al.					
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
EXAMINER	A. S. S. S.				DATE CONSIDERED 7/6/07				



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FORM PTO - 1449 FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: GEN-002 APPLICANT(S): Chandra et al. SERIAL NO.: 10/717,224 FILING DATE: November 19, 2003 GROUP NO.: 2121					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
08	B4	WO 03/082214	10-09-2003	PCT				N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
EXAMINER <i>A. G. Smith</i>					DATE CONSIDERED <i>7/6/07</i>				

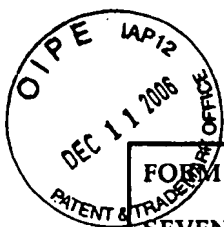


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FORM PTO - 1449				ATTORNEY DOCKET NO.: GEN-002					
FIFTH SUPPLEMENTAL				APPLICANT(S): Chandra et al.					
INFORMATION DISCLOSURE STATEMENT				SERIAL NO.: 10/717,224					
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				GROUP NO.: 2121					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
08	B5	WO 02/093409	11-21-2002	PCT				N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
EXAMINER <i>A. McLaughlin</i>					DATE CONSIDERED <i>7/6/07</i>				



FORM PTO - 1449				ATTORNEY DOCKET NO.: GEN-002					
SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Chandra <i>et al.</i>					
				SERIAL NO.: 10/717,224					
				FILING DATE: 11/19/03 GROUP: 2121					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
OS	A23	2002/0123847	09/05/02	Askenazi, Manor	702	20	12/20/00		
	A24	2002/0198858	12/26/02	Stanley et al.	706	50	12/06/01		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
OS	C19	International Search Report for PCT/US2003/030653, mailed February 3, 2004.							
	C20	International Preliminary Report on Patentability for PCT/US2004/039159 dated 29 May 2006							
	C21	Written Opinion of the International Searching Authority for PCT/US2004/039159 dated 29 May 2006							
	C22	International Search Report for International Application No. PCT/US/2005/00202 mailed from the International Searching Authority on November 24, 2005.							
	C23	Written Opinion of the International Searching Authority for International Application No. PCT/US/2005/00202 mailed from the International Searching Authority on November 24, 2005.							
EXAMINER	A. Shulsky				DATE CONSIDERED 7/6/07				



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FORM PTO - 1449 SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: GEN-002 APPLICANT(S): Chandra <i>et al.</i> SERIAL NO.: 10/717,224 FILING DATE: 11/19/03 GROUP: 2121					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
08/	C24	International Search Report for International Application No. PCT/US/2004/039159 mailed from the International Searching Authority on August 31, 2005.							
1	C25	Written Opinion of the International Searching Authority for International Application No. PCT/US/2004/039159 mailed from the International Searching Authority on August 31, 2005.							
EXAMINER A. Shilong				DATE CONSIDERED 7/6/07					